

What is Claimed is:

1 1. A stabilized window structure comprising
2 a window frame;
3 a shattered window pane disposed in said window frame and having an exterior
4 surface and an interior surface exposed by said window frame; and
5 a layer of unifying material bonded to at least one of said exterior surface or said
6 interior surface, said layer of unifying material and said window pane bonded thereto
7 forming an integral, cohesive mass removable from said window frame as one or more
8 integral and unitary pieces.

1 2. A stabilized window structure as recited in claim 1 wherein said window
2 pane is planar.

1 3. A stabilized window structure as recited in claim 1 wherein said window pane
2 is non-planar.

1 4. A stabilized window structure as recited in claim 1 wherein said window
2 frame is disposed in a building.

1 5. A stabilized window structure as recited in claim 1 wherein said window
2 frame is disposed in a vehicle.

1 6. A stabilized window structure as recited in claim 1 wherein said unifying
2 material is a polymeric material.

1 7. A stabilized window structure as recited in claim 6 wherein said polymeric
2 material is a polymeric foam.

1 8. A stabilized window structure as recited in claim 7 wherein said polymeric
2 foam includes a polyurethane.

1 9. A stabilized window structure as recited in claim 7 wherein said polymeric
2 foam includes a polyethylene.

1 10. A stabilized window structure as recited in claim 7 wherein said polymeric
2 foam includes a polystyrene.

1 11. A stabilized window structure as recited in claim 6 wherein said polymeric
2 material is a polymeric film.

1 12. A stabilized window structure as recited in claim 11 wherein said polymeric
2 film includes a polyvinyl.

1 13. A stabilized window structure as recited in claim 11 wherein said polymeric
2 film includes a latex.

1 14. A stabilized window structure as recited in claim 11 wherein said polymeric
2 film includes a polyurethane.

1 15. A stabilized window structure as recited in claim 11 wherein said polymeric
2 film includes an acrylate.

1 16. A stabilized window structure as recited in claim 11 wherein said polymeric
2 film includes a cellophane.

1 17. A stabilized window structure as recited in claim 1 wherein said unifying
2 material is a cellulosic material.

1 18. A stabilized window structure as recited in claim 1 wherein said layer of
2 unifying material is applied to said window pane in fluidic form and cures to form said
3 cohesive mass.

1 19. A stabilized window structure as recited in claim 18 wherein said window
2 pane includes a crack therein and said unifying material seeps into said crack when
3 said unifying material is applied in fluidic form and forms a structural bond at said crack
4 when said unifying material cures.

1 20. A stabilized window structure as recited in claim 1 and further including at
2 least one grasping member secured to said cohesive mass.

1 21. A stabilized window structure as recited in claim 20 wherein said at least
2 one grasping member includes a handle bonded to said layer of unifying material.

1 22. A stabilized window structure as recited in claim 1 wherein said layer of
2 unifying material is disposed over substantially the entirety of said at least one of said
3 exterior surface or said interior surface.

1 23. A stabilized window structure as recited in claim 1 wherein said layer of
2 unifying material includes a plurality of individual sub-layers arranged one on top of
3 the other.

1 24. A stabilized window structure as recited in claim 1 wherein said layer of
2 unifying material includes a first layer of unifying material bonded to said exterior
3 surface and further including a second layer of unifying material bonded to said interior
4 surface, said first and second layers of unifying material and said window pane bonded
5 thereto forming said cohesive mass.

1 25. A stabilized window structure comprising
2 a window frame;

1 a window pane disposed in said window frame and having a hole therein and an
2 exterior surface and an interior surface exposed by said window frame;
3 a first layer of unifying material adhered to at least one of said exterior surface
4 or said interior surface around said hole;
5 a patch covering said hole and being adhered to said first layer of unifying
6 material; and
7 a second layer of unifying material applied over said patch and forming a
8 cohesive mass with said patch, said first layer of unifying material and said window
9 pane.

1 26. A stabilized window structure as recited in claim 25 wherein said patch has
2 a periphery and said second layer of unifying material covers at least said periphery of
3 said patch.

1 27. A stabilized window structure as recited in claim 26 wherein said patch has
2 a surface area and said second layer of unifying material covers said surface area in
3 its entirety.

1 28. A method of stabilizing and removing a shattered window pane from a
2 window frame, said method comprising the steps of
3 applying a layer of unifying material to at least one of an exterior surface or an
4 interior surface of the shattered window pane;

5 bonding the layer of unifying material to the window pane to form a cohesive
6 mass including the window pane and the layer of unifying material; and
7 removing the cohesive mass from the window frame as one or more integral and
8 unitary pieces.

1 29. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes spraying the unifying material in
3 fluidic form onto the at least one of the exterior surface or the interior surface of the
4 window pane and said step of bonding includes allowing the unifying material to dry.

1 30. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes applying a polymeric foam material
3 to the window pane.

1 31. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes applying a polymeric film material to
3 the window pane.

1 32. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes applying a cellulosic material to the
3 window pane.

1 33. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes applying the layer of unifying
3 material as a plurality of sub-layers sequentially applied one on top of the other.

1 34. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes applying a first layer of unifying
3 material to the exterior surface of the window pane and further including, prior to said
4 step of removing, the steps of applying a second layer of unifying material to the interior
5 surface of the window pane and bonding the second layer of unifying material to the
6 window pane to form the cohesive mass including the window pane and the first and
7 second layers of unifying material.

1 35. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 wherein said step of applying includes applying the layer of unifying
3 material to substantially the entirety of the at least one of the exterior surface or the
4 interior surface.

1 36. A method of stabilizing and removing a shattered window pane as recited
2 in claim 28 and further including, prior to said step of removing, the step of attaching
3 at least one grasping member to the cohesive mass.

1 37. A method of stabilizing and removing a shattered window pane as recited
2 in claim 36 wherein said step of applying includes applying the unifying material in

1 fluidic form, said step of bonding includes allowing the unifying material to cure and
2 said step of attaching includes inserting a portion of the at least one grasping member
3 into the unifying material prior to curing thereof such that the portion of the at least one
4 grasping member is bonded to the unifying material when the unifying material has
5 cured.

1 38. A method of stabilizing and removing a shattered window pane as recited
2 in claim 36 wherein said step of removing includes manually pulling the cohesive mass
3 away from the window frame via the at least one grasping member.

4 39. A method of stabilizing and removing a shattered window pane as recited
5 in claim 28 wherein said step of removing includes removing the cohesive mass as a
6 single piece.

1 40. A method of stabilizing a window pane having a hole therein, said method
2 comprising the steps of

3 applying a first layer of unifying material to at least one of an exterior surface or
4 an interior surface of the window pane around the hole;

5 positioning a patch over the at least one of the exterior surface or the interior
6 surface of the window pane such that the patch covers the hole and contacts the first
7 layer of unifying material;

8 bonding the first layer of unifying material to the window pane and the patch;

9 applying a second layer of unifying material over at least the periphery of the
10 patch; and
11 bonding the second layer of unifying material to the patch such that the hole is
12 closed off and sealed.

1 41. A method of stabilizing a window pane as recited in claim 40 wherein said
2 step of applying a second layer includes applying the second layer of unifying material
3 to the at least one of the exterior surface or the interior surface so as to cover the patch
4 in its entirety.

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